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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

O P E R A T I O N S

Application Number	10/614,863
Filing Date	July 9, 2003
First Named Inventor	Yasuo Inoue
Art Unit	2182
Examiner Name	Alan S. Chen
Attorney Docket Number	29284/594

APR 06 2005

U. S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ASL	1	US-5,526,482	06-11-1996	Stalmo et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ – Number ⁴ – Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ASL		Japanese language Office Action dated January 4, 2005	

Examiner Signature

Date Considered

8/17/05

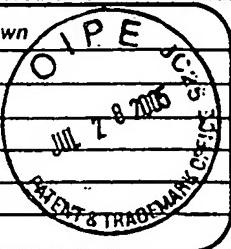
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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of 1		Group Art Unit	2182
		Examiner Name	Alan S. Chen
		Attorney Docket Number	29284-594



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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ASC		US-4,636,946	1/13/1987	Hartung, et al.	
		US-			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ – Number ⁴ - Kind Code ⁵ (if known)			
ASC		JP 61-43742 (this corresponds to USP 4,636,946)	9-29-1986	Hartung, et al.	

Examiner Signature	<i>Alan S. Chen</i>	Date Considered	08/10/05
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